Listing of Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Claims 1-15 (Canceled)

16. (Presently Amended) A method of reducing the number of nucleation mode particles in the emissions from a diesel engine fitted with a catalyzed particular trap which is a continuously regenerating trap (CRT™) comprising both an oxidation catalyzed and a particulate trap, which method comprises using an engine lubricating oil having a low sulphur content of less than 0.4% by weight in combination with a fuel having a low sulphur content of below 50 ppm by weight to reduce the emissions of nucleation mode particles from the diesel engine fitted with a particular trap.

17. (Canceled)

18. (Canceled)

19. (Presently Amended) A method according to claim ~~18,~~ 16, wherein the diesel engine is a heavy duty diesel engine.

20. (Presently Amended) A method according to claim ~~1~~ 16, wherein the diesel engine is heavy duty diesel engine.

21. (Presently Amended) A method according to claim ~~1~~ 16, wherein nucleation mode particles have a diameter of 30 nm or less.

22. (Canceled)

23. (Canceled)

24. (Canceled)

25. (Original) A method according to claim 21, wherein the sulphur content (by weight) of the fuel is below 20ppm.

26. (Original) A method according to claim 21, wherein the sulphur content (by weight) of the fuel is 10ppm or lower.

27. (Original) A method according to claim 26, wherein the lube oil has a sulphur content (by weight) of less than 015%.

28. (Presently Amended) A method according to claim 27, wherein the lubricating oil comprises one or more anti-wear additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of (a) molybdenum containing compounds, ~~such as molybdenum dithiophosphate (MoDTC), molybdenum dithiophosphate and molybdenum amines,~~ (b) organic based friction modifiers, ~~such as oleamides, acids, amines, alcohols, phosphate esters and glycerol monooleates~~ and (c) salicylate-type detergents ~~such as calcium salicylate and magnesium salicylate~~.

29. (Presently Amended) A method according to claim 27, wherein the lubricating oil comprises one or more anti-oxidant additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of aromatic amines ~~or~~ and phenolic compounds ~~such as hindered phenolics~~.

30. (Presently Amended) A method according to claim 27, wherein the lubricating oil comprises one or more corrosion inhibitor additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the non-sulphur detergent additivies.

31. (Original) A method according to claim 27, wherein the lubricating oil comprises one or more other additives selected from one or more of anti-foam additives, Viscosity Index improvers and dispersants.

32. (Original) A method according to claim 21, wherein the low sulphur lube oil has sulphur content (by weight) of less than 0.4%.

33. (Original) A method according to claim 21, wherein the low sulphur lube oil has a sulphur content (by weight) of less than 0.3%.

34. (Original) A method according to claim 21, wherein the lube oil has a sulphur content (by weight) of less than 0.2%.

35. (Original) A method according to claim 21, wherein the lube oil has a sulphur content (by weight) of less than 0.15%.

36. (Presently Amended) A method according to claim 21, wherein the lubricating oil comprises one or more anti-wear additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of (a) molybdenum containing compounds, ~~such as molybdenum dithiophosphate (MoDTC), molybdenum dithiophosphate and molybdenum amines,~~ (b) organic based friction modifiers, ~~such as oleamides, acids, amines, alcohols, phosphate esters and glycerol monooleates~~ and (c) salicylate-type detergents ~~such as calcium salicylate and magnesium salicylate~~.

37. (Presently Amended) A method according to claim 21, wherein the lubricating oil comprises one or more anti-oxidant additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of aromatic amines ~~or~~ and phenolic compounds such as hindered phenolics.

38. (Presently Amended) A method according to claim 21, wherein the lubricating oil comprises one or more corrosion inhibitor additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the non-sulphur detergent additivies.

39. (Original) A method according to claim 21, wherein the lubricating oil comprises one or more other additives selected from one or more of anti-foam additives, Visocity Index improvers and dispersants.

40. (Original) A method according to claim 16, wherein the nucleation mode particles have a diameter in the range of from 1 nm to 30 nm inclusive.

41. (Original) A method according to claim 16, wherein the nucleation mode particles have a diameter in the range of from greater than 3 nm to 30 nm inclusive.

42. (Canceled)

43. (Canceled)

44. (Canceled)

45. (Original) A method according to claim 16, wherein the sulphur content (by weight) of the fuel is below 20ppm.

46. (Original) A method according to claim 16, wherein the sulphur content (by weight) of the fuel is 10ppm or lower.

47. (Original) A method according to claim 46, wherein the lube oil has a sulphur content (by weight) of less than 0.15%.

48. (Canceled)

49. (Original) A method according to claim 16, wherein the low sulphur lube oil has a sulphur content (by weight) of less than 0.3%.

50. (Original) A method according to claim 16, wherein the lube oil has a sulphur content (by weight) of less than 0.2%.

51. (Original) A method according to claim 16, wherein the lube oil has a sulphur content (by weight) of less than 0.15%.

52. (Original) A method of according to claim 16, wherein the lubricating oil has a ZDDP content at most 0.8% by weight.

53. (Original) A method of according to claim 16, wherein the lubricating oil has a ZDDP contained at most 0.4% by weight.

54. (Original) A method of according to claim 16, wherein the lubricating oil is substantially free of ZDDP.

55. (Presently Amended) A method according to claim 16, wherein the lubricating oil comprises one or more anti-wear additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of (a) molybdenum containing compounds, ~~such as molybdenum dithiophosphate (MoDTC), molybdenum dithiophosphate and molybdenum amines,~~ (b) organic based friction modifiers~~, such as oleamides, acids, amines, alcohols, phosphate esters and glycerol monooleates~~ and (c) salicylate-type detergents ~~such as calcium salicylate and magnesium salicylate~~.

56. (Presently Amended) A method according to claim 16, wherein the lubricating oil comprises one or more anti-oxidant additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the group consisting of aromatic amines ~~or~~ and phenolic compounds ~~such as hindered phenolics~~.

57. (Presently Amended) A method according to claim 16, wherein the lubricating oil comprises one or more corrosion inhibitor additives ~~which might be used, at least in part, to replace ZDDP,~~ selected from the non-sulphur detergent additivies.

58. (Original) A method according to claim 16, wherein the lubricating oil comprises one or more other additives selected from one or more of anti-foam additives, Viscosity Index improvers and dispersants.